

Application No. 10/721,852

Remarks

The Office Action of September 10, 2004, has been carefully considered. Reconsideration of this application, as amended, is respectfully requested. Applicants acknowledge with appreciation the allowable subject matter.

Claim 5 has been rewritten in independent form including all of the limitations of the base claim.

Claims 1-2 and 6 stand rejected under 35 U.S.C. 102(b), as being anticipated by Kobayashi et al (5,596,393). Kobayashi et al. teaches an image forming apparatus includes image bearing member or members for bearing an image; charging member for sequentially charging a surface of the image bearing member or members to form an image thereon; a voltage source for applying an oscillating voltage to the charging member, the oscillating voltage including a first frequency and a second frequency which is different from the first frequency during charging by the charging member.

Kobayashi et al does not teach a method for charging a photoreceptor to reduce wear on the photoconductor, including providing a power supply to apply a bias to said bias charging roll; and applying a bias to said bias charging roll, said applying includes applying a burst modulated waveform to said bias charging roll, generating a burst frequency for said burst modulated waveform, said generating includes employing a DC offset from an AC waveform, in which said AC waveform of a first frequency is gated on and off at a second frequency. So accordingly, the present invention is not anticipated by Kobayashi et al.

Claims 1-4 and 6 stand rejected under 35 U.S.C. 102(b) as being anticipated by Ikeda (JP07-308064a).

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Ikeda teaches to obtain charging characteristics equivalent to a conventional sine wave by controlling the generation of a DC high voltage by first and third switching means thereby producing a rectangular wave modulated by a switching frequency of the third switching means for the DC high voltage output. Ikeda does not teach a method for charging a photoreceptor to reduce wear on the photoconductor, including providing a power supply to apply a bias to said bias charging roll; and applying a bias to said bias charging roll, said applying includes applying a burst modulated waveform to said bias charging roll, generating a burst frequency for said burst modulated waveform, said generating includes employing a DC offset from an AC waveform, in which said AC waveform of a first frequency is gated on and off at a second frequency. So accordingly, the present invention is not anticipated by Ikeda.

No additional fee is believed to be required for this amendment. However, the undersigned Xerox Corporation attorney (or agent) hereby authorizes the charging of any necessary fees, other than the issue fee, to Xerox Corporation Deposit Account No. 24-0025. This also constitutes a request for any needed extension of time and authorization to charge all fees therefor to Xerox Corporation Deposit Account No. 24-0025.

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In the event the Examiner considers personal contact advantageous to the disposition of this case, he is hereby directed to call Lloyd F. Bean, II, at Telephone Number 585-423-4520, Rochester, New York.

Respectfully submitted,



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LFB/cw

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